

L Number	Hits	Search Text	DB	Time stamp
1	1361	((MQW or (multi or group) near (quantum near well) or (quantum near wells)) SAME temperature)	USPAT	2003/04/27 08:30
2	91	( ((MQW or (multi or group) near (quantum near well) or (quantum near wells)) SAME temperature) ) and VCSEI	USPAT	2003/04/27 08:30
3	736	((MQW or (multi or group) near (quantum near well) or (quantum near wells)) WITH temperature)	USPAT	2003/04/27 08:31
4	60	( ((MQW or (multi or group) near (quantum near well) or (quantum near wells)) WITH temperature) ) and VCSEL	USPAT	2003/04/27 08:31
5	53	(( ((MQW or (multi or group) near (quantum near well) or (quantum near wells)) WITH temperature) ) and VCSEL) and barrier	USPAT	2003/04/27 08:30
6	218	((MQW or (multi or group) near (quantum near well) or (quantum near wells)) WITH temperature same barrier)	USPAT	2003/04/27 08:31
7	218	( ((MQW or (multi or group) near (quantum near well) or (quantum near wells)) WITH temperature) same barrier)	USPAT	2003/04/27 08:31
8	22	(( ((MQW or (multi or group) near (quantum near well) or (quantum near wells)) WITH temperature) same barrier) ) and VCSEL	USPAT	2003/04/27 08:31
-	426	VCSEL and (active near (region or film or medium or layer)) and (QW or (quantum near well)) and (mirror or reflector) and temperature	USPAT; US-PGPUB	2003/04/25 09:09
-	0	(VCSEL and (active near (region or film or medium or layer)) and (QW or (quantum near well)) and (mirror or reflector) and temperature ) and ((quasi adj independently) or (semi adj independently))	USPAT; US-PGPUB	2003/04/24 16:04
-	276	(VCSEL and (active near (region or film or medium or layer)) and (QW or (quantum near well)) and (mirror or reflector) and temperature ) and 372/.ccls.	USPAT; US-PGPUB	2003/04/24 16:06
-	47	VCSEL and (active near (region or film or medium or layer)) and (QW or (quantum near well)) with independently) and (mirror or reflector) and temperature	USPAT; US-PGPUB	2003/04/25 07:20
-	1	VCSEL and (active near (region or film or medium or layer)) and ((QW or (quantum near well)) with independently) and (mirror or reflector) and temperature	USPAT; US-PGPUB	2003/04/24 16:23
-	4	VCSEL and (active near (region or film or medium or layer)) and ((QW or (quantum near well)) with independent\$4) and (mirror or reflector) and temperature	USPAT; US-PGPUB	2003/04/25 06:54
-	200	((quasi adj fermi) or (quasi near fermi))	USPAT; US-PGPUB	2003/04/25 06:54
-	5	VCSEL and (active near (region or film or medium or layer)) and (QW or (quantum near well)) and (mirror or reflector) and temperature and (((quasi adj fermi) or (quasi near fermi)))	USPAT; US-PGPUB	2003/04/25 07:18
-	3	VCSEL and (active near (region or film or medium or layer)) and (MQW or (multi near quantum near well)) and (mirror or reflector) and temperature and (((quasi adj fermi) or (quasi near fermi)))	USPAT; US-PGPUB	2003/04/25 07:05
-	3	VCSEL and (active near (region or film or medium or layer)) and (MQW or ((multi or group) near quantum near well)) and (mirror or reflector) and temperature and (((quasi adj fermi) or (quasi near fermi)))	USPAT; US-PGPUB	2003/04/25 07:07

-	200	(quasi near fermi)	USPAT; US-PGPUB	2003/04/25 07:14
-	3	VCSEL and (active near (region or film or medium or layer)) and (MQW or ((multi or group) near quantum near well)) and (mirror or reflector) and temperature and ((quasi near fermi) or (quasi adj independently) or (semi adj independently) or (non adj independently))	USPAT; US-PGPUB	2003/04/25 07:16
-	51	372/.ccls. and (((quasi adj fermi) or (quasi near fermi)))	USPAT; US-PGPUB	2003/04/25 09:11
-	83	VCSEL and (active near (region or film or medium or layer)) and (mQW or ((multi or group) near (quantum near well)) with independently) and (mirror or reflector) and temperature	USPAT; US-PGPUB	2003/04/25 07:21
-	83	VCSEL and (active near (region or film or medium or layer)) and (mQW or ((multi or group) near (quantum near well)) with independent\$3) and (mirror or reflector) and temperature	USPAT; US-PGPUB	2003/04/25 07:21
-	2	VCSEL and (active near (region or film or medium or layer)) and (mQW or ((multi or group) near (quantum near well)) with independent\$3) and (mirror or reflector) and temperature and (372/.ccls. and (((quasi adj fermi) or (quasi near fermi))))	USPAT; US-PGPUB	2003/04/25 07:24
-	3	VCSEL and (active near (region or film or medium or layer)) and (mQW or ((multi or group) near (quantum near well)) with independent\$3) and (mirror or reflector) and temperature and (((quasi adj fermi) or (quasi near fermi)))	USPAT; US-PGPUB	2003/04/25 07:29
-	3	VCSEL and (active near (region or film or medium or layer)) and (mQW or ((multi or group) near (quantum near well))) and (mirror or reflector) and (different near2 temperature)	USPAT; US-PGPUB	2003/04/25 07:30
-	2	("5222087"   "5284791").PN.	USPAT	2003/04/25 07:34
-	81	VCSEL and (active near (region or film or medium or layer)) and ((QW or (quantum near well)) with temperature) and (mirror or reflector)	USPAT; US-PGPUB	2003/04/25 09:11
-	125	VCSEL and (active near (region or film or medium or layer)) and ((QW or (quantum near well)) same temperature) and (mirror or reflector)	USPAT; US-PGPUB	2003/04/25 09:10
-	62	372/.ccls. and (VCSEL and (active near (region or film or medium or layer)) and ((QW or (quantum near well)) with temperature) and (mirror or reflector) )	USPAT; US-PGPUB	2003/04/25 09:11
-	48	VCSEL and (active near (region or film or medium or layer)) and ((QW or (quantum near well)) with temperature) and (mirror or reflector) and 372/.ccls.	USPAT	2003/04/25 09:32
-	2	VCSEL and (active near (region or film or medium or layer)) and ((MQW or (multi or group) near (quantum near well)) with temperature) and (mirror or reflector) and 372/.ccls.	USPAT	2003/04/25 13:33
-	27	(VCSEL and (active near (region or film or medium or layer)) and ((QW or (quantum near well)) with temperature) and (mirror or reflector) and 372/.ccls.) and (barrier near (region or film or medium or layer))	USPAT	2003/04/25 09:29
-	27	VCSEL and ((active near (region or film or medium or layer)) same ((QW or (quantum near well)) with temperature)) and (mirror or reflector) and 372/.ccls.	USPAT	2003/04/25 13:33
-	18	VCSEL and ((active near (region or film or medium or layer)) same ((QW or (quantum near well)) with temperature)) and (mirror or reflector) and 372/.ccls. and (barrier near (region or film or medium or layer))	USPAT	2003/04/25 09:33

-	20	VCSEL and ((active near (region or film or medium or layer)) same ((QW or (quantum near well)) with temperature)) and (mirror or reflector) and (barrier near (region or film or medium or layer))	USPAT	2003/04/25 09:35
-	2	(VCSEL and ((active near (region or film or medium or layer)) same ((QW or (quantum near well)) with temperature)) and (mirror or reflector) and (barrier near (region or film or medium or layer))) not (VCSEL and ((active near (region or film or medium or layer)) same ((QW or (quantum near well)) with temperature)) and (mirror or reflector) and 372/.cccls.)	USPAT; US-PGPUB	2003/04/25 11:23
-	11	VCSEL and (active near (region or film or medium or layer)) and ((MQW or (multi or group) near (quantum near well)) SAME temperature) and (mirror or reflector)	USPAT	2003/04/25 13:58
-	10	(VCSEL and (active near (region or film or medium or layer)) and ((MQW or (multi or group) near (quantum near well)) SAME temperature) and (mirror or reflector) ) and barrier	USPAT	2003/04/27 08:28